



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

RBE350A93-3307-00-01

Job Sheet 171171



Part No: RBE350A93-3307-00-01

Job Qty: 6 ea

Part Name: Retractor



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/29/18

Job Tracking No:

Due Date: 2/9/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBE350A93-3307-00 Rev 2A IPP Rev A 18.01.24 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		2/8/18	0.00	0.00	Start Up Machining-3		
120	CNC Lathe	6 pcs		2/9/18	0.00	3.00	MORI SL2500Y		
130	QC	6 pcs		2/9/18	0.00	0.00	QC2 Machining-4		
140	QC	6 pcs		2/9/18	0.00	0.00	QC8 Machining-4		
170	Outsource	6 pcs		2/9/18	0.00	0.00	Outsource12		
180	Packaging	6 pcs		2/9/18	0.00	0.00	Packaging2		
190	QC	6 pcs		2/9/18	0.00	0.00	QC6		
200	Packaging	6 pcs		2/9/18	0.00	0.00	Packaging3-1		
210	QC21-SA	6 Ea		2/9/18	0.00	0.00	QC21		

Part Op 120 - 1-Machine as per DWG. FB 791 FOLIO REV: _____ DWG REV: _____ 2-Deburr 3-Engrave

Descriptions: T/N And / or S/N number as required Using Marktronic engraver as per DWG.

170 - Issue P/O to Groupe Altech; PO 1039039 -Black oxide finish, MIL-C-13964, CLASS 1; MIL-C-16173 GRADE

4 -Certificate of Conformity is required

FEB 15 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MT-4140QT-R2.250	AISI 4140 Q&T Round Bar	1.2000 ft (.2 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	MT-4140QT-R2.250	1	0	0

Part Specifications

Specifications could not be found.

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1.79
2.034524

DART
AEROSPACE
S039271



Retractor

PART NO: RBE350A93 – 3307 – 00 – 0-
Original Serial #: S039271
Revision:
Operation: Start up Operation
Change No:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K64 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

02/05/18
Job No: 171171

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

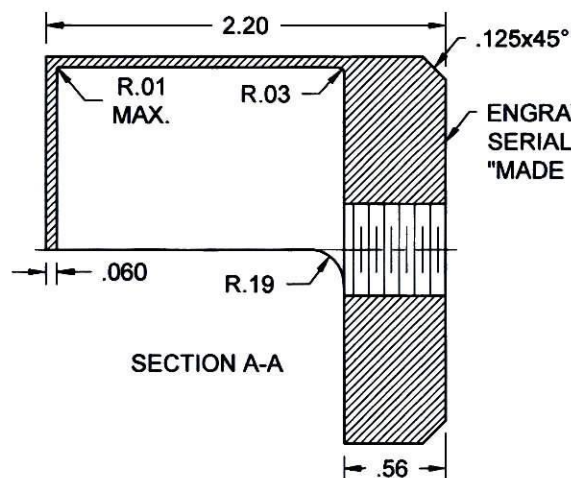
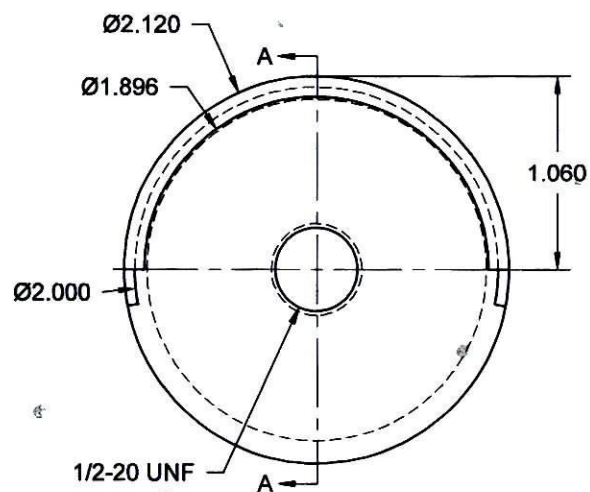
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : _____					

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 171171 NW

1801-29



ENGRAVE TOOL No.,
SERIAL No., AND
"MADE IN USA" TO FIT.

(-01)
EXTRACTOR

RED BARN MACHINE	
TITLE TAIL GEARBOX SEAL EXTRACTOR	
DWG NO. RBE350A93-3307-00-01	REV 2A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	DRAWN BY: PERRITT
TOLERANCES ON: DECIMALS .XXX ± .005 XX ± .01 X ± .1	APPROVED <i>D Wed</i>
FRACTIONS ± 1/32 ANGLES ± .5°	HEAT TREAT FINISH SPEC BLACK OXIDE
UNLESS OTHERWISE SPECIFIED 1. BREAK ALL SHARP EDGES .015 x 45° PR .015 R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL EUROCOPTER AS350/355
SCALE NTS	DATE 9/28/09
SHEET 2 of 4	



Dart Aerospace Ltd.
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K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO039039

Items										
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
6	170435	RBT400325	Socket Tail Boom Nut -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	2/27/18	6 pcs ✓ 6x	0 pcs	6 pcs AT 1/31/25	\$1.35/pcs	\$8.10
7	170781	RBE8814164002	Special Wrench -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13924C Class 1 -Certificate of Conformity is required	Firmed	2/27/18	1 pcs	0 pcs	1 pcs	\$1.95/pcs	\$1.95
8	171171	RBE350A93- 3307-00-01	Retractor -Issue P/O to Groupe Altech; PO _____ -Black oxide finish, MIL-C-13964, CLASS 1; MIL-C-16173 GRADE 4 -Certificate of Conformity is required	Firmed	2/27/18	6 pcs ✓ 6x	0 pcs	6 pcs AT 18/03/25	\$2.55/pcs	\$15.30
Grand Total:									\$263.45	

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Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit
www.dartaerospace.com for further explanation.

Plex 2/23/18 9:58 AM dart.baker.diane



Certificat de Conformité / Certificate of Compliance

(006931-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
 Tel: 514-335-3666 Fax: 514-335-3868
 www.groupaltech.com

Bon de Livraison / Packing Slip

006931 - 1

Livré à / Ship to

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
 1270 ABERDEEN STREET
 HAWKESBURY, ON, K6A1K7
 CANADA
 BUYER:

Date expédition Ship date		Créé Par Generated By	Transport / No de Compte Courier / Acc. No.	Bon de commande Client Customer Purchase Order No.				
27-Feb-2018		Aman Kaur		PO039039				
#Ligne Line#	No. de Série / # Pièce Part Number / Line Item Details Job # / Ref #	Description pièce(s)	CATG. U/M	Comm. /Ordered	Exp/ Shipped	Qté NC/ NC Qty	Qté Scrap/	À venir/ Back Order
1	646.3911 Rev.	646.3911 CAD PLATE PER QQ-P-416 TYPE 2 CLASS 2 ,CL2	CADMIUM CH	32	32	0	0	0
2	RBE350A93-3312-03-5 Rev.	RBE350A93-3312-03-5 01 -OXIDE BLACK [OXIDE BLACK]	BLACK-OXIDE CH	6	6	0	0	0
3	RBE350A93-3312-03-7 Rev.	RBE350A93-3312-03-7 01 -OXIDE BLACK [OXIDE BLACK]	BLACK-OXIDE CH	6	6	0	0	0
4	RBE350A94-2704-00-1 Rev.	RBE350A94-2704-00-1 01 -OXIDE BLACK [OXIDE BLACK]	BLACK-OXIDE CH	20	20	0	0	0
5	RBE350A93-3312-03-3 Rev.	RBE350A93-3312-03-3 01 -OXIDE BLACK [OXIDE BLACK]	OXIDE-BLACK CH	6	6	0	0	0
6	RBT400325 Rev.	RBT400325 01 -OXIDE BLACK [OXIDE BLACK]	OXIDE-BLACK CH	6	6	0	0	0
7	RBE8814164002 Rev.	RBE8814164002 01 -OXIDE BLACK [OXIDE BLACK]	OXIDE-BLACK CH	1	1	0	0	0
8	RBE350A93-3307-00-01 Rev.	RBE350A93-3307-00-01 01 -OXIDE BLACK [OXIDE BLACK]	OXIDE-BLACK CH	6	6	0	0	0

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Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
 Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
 Our financial and legal responsibility will not be higher than the amount of invoice.